

## Product Information

### Compound Name

Darunavir Impurity 21 (Darunavir Amine Dimer Impurity)

### Synonyms

(3R,3aS,6aR)-hexahydrofuro[2,3-b]furan-3-yl ((2S,3R)-4-(4-(3-((2S,3R)-4-(4-amino-N-isobutylphenylsulfonamido)-3-hydroxy-1-phenylbutan-2-yl)ureido)-N-isobutylphenylsulfonamido)-3-hydroxy-1-phenylbutan-2-yl)carbamate

### Chemical Formula

C<sub>48</sub>H<sub>64</sub>N<sub>6</sub>O<sub>11</sub>S<sub>2</sub>

### Molecular Weight

965.19

### Catalogue Number

D0055.24

### Lot No.

AMD-241-25-C

### Long-Term Storage Conditions

2-8°C

### Shipping Conditions

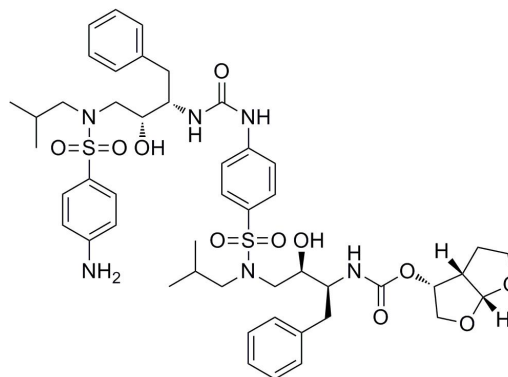
Ambient

### Appearance

White Solid

**Test Date:** Jan. 23, 2024

**Re-test Date:** Jan. 22, 2027



CAS No. : N/A

## Analytical Information

### Solubility

MeOH

### Weight Loss by TGA

1.41%

### Method for Determining Identity

MS, <sup>1</sup>H NMR (DMSO-d<sub>6</sub>), IR

### Purity (HPLC)

99.45%

### Potency

98.04%

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